

**RECOMMENDATIONS ON THE TRANSPORT
OF DANGEROUS GOODS**
Model Regulations
(Thirteenth revised edition)

Corrigendum 1

NOTE: Corrigenda to the Recommendations on the Transport of Dangerous Goods are also made available via INTERNET on the web site of the United Nations Economic Commission for Europe at the following address: http://www.unece.org/trans/danger/publi/unrec/mr_pubdet.html

VOLUME I

PART 1

Page 28

1.2.1 In the 4th indent of the definition of "Bulk containers", **replace "have" with "of"**.

Page 43

Table 1.4.1 For Class 7, **replace "Type B or Type C" with "Type B(U) or Type B(M) or Type C"**.

PART 2

Page 98

2.5.3.2.4 In the table:
For "POLYETHER POLY-tert-BUTYLPEROXYCARBONATE", **replace "≥ 23" with "≥ 48"** in column "Diluent type B 1)",
For "1,1,3,3-TETRAMETHYLBUTYL PEROXYPIVALATE" **replace "3315" with "3115"** in column "Number (Generic entry)".

Page 99

Notes on 2.5.3.2.4:

Notes 2) and 5) **Insert "≤" after "oxygen"**.

Note 6) **Insert "≤" before "9%" and after "oxygen"**.

Note 24) **Insert "≤" before "8%"**.

Note 27) **Delete "Available active oxygen 7.6% in diluent Type A having a 95% boil-off point in the range of 200-260 °C. Not subject to the requirements of these regulations for Division 5.2."**

Note 28) **Insert "≤" before "7.6%"**.

Page 104

2.5.3.4.1 In (a), (b) and (c), **replace** "SADT 50 °C" and "SADT 45 °C" **with** "SADT ≤ 50 °C" and "SADT ≤ 45 °C", respectively.

Page 109

2.6.2.2.4.7 In (a), replace "liquid" with "mixture" in the definition of f_i.
In (b), add "comprising the mixture" before "using the formula".

Page 117

2.7.1.2 (f) **Replace** "the limit defined in 2.2.7.2" **with** "the limit set out in the definition for "contamination" in 2.2.7.2".

Page 130

2.7.7.2.1 In the table, for Cf-252, **replace** "1 × 10⁻²" **with** "1 × 10⁻¹" in column "A₁".

Page 146

2.7.9.3 b) **Insert** "manufactured" **before** "article" in the first sentence.

PART 3

Page 167

3.1.2.6 (a) **Insert** "or equal to" before "50 °C" and **replace** "7.1.4" **with** "7.1.5".

Dangerous Goods List

| UN Nos. | Column | Correction |
|---|--------|--|
| 0118, 0146, 0151, 0214, 0215, 0220, 0266, 0282 and 0401 | (8) | Replace "P112" with "P112(a), (b) or (c)" |
| 1001 | (9) | Delete "PP23" |
| 1268 (PG II and III) | (11) | Delete "TP9" |
| 1603 and 1604 | (9) | Move "T7" from column (9) to column (10) |
| 2186 | (8) | Delete "P200" |
| 2626 | (10) | Replace "T3" with "T4" |
| | (11) | Replace "TP33" with "TP1" |
| 3375 | (10) | Delete "T2" |

Page 301

SP215 In the last sentence, **replace** "azocarbonamide" **with** "azodicarbonamide".

Page 309

Assign number "298" to the last sentence under special provision 297 ("Solutions with a flash point 60.5 °C or less shall bear a FLAMMABLE LIQUID label.").

ALPHABETICAL INDEX

Page 359

In the entry for "BOMBS with bursting charge", for Class 1.1D, **replace** "0033" **with** "0034" and for Class 1.1F, replace "0034" with "0033".

Page 376

In the entry for "Fertilizer with ammonium nitrate, n.o.s., see" **replace** "2072" **with** "2067" and **add** "9 2071".

Page 386

Delete the entry for "METAL ARYLS, WATER-REACTIVE, N.O.S".

Page 391

Delete the entry for "NITROBENZOTRIFLUORIDES, liquid".

In the current first entry for "NITROCRESOLS, LIQUID" (UN No. 2446), **replace** "LIQUID" **with** "SOLID".

Page 393

Delete the entry for "ORGANOMETALLIC COMPOUND, WATER-REACTIVE, FLAMMABLE, N.O.S".

VOLUME II

PART 4

Page 5

4.1.1 In the Note, **replace** at the end "P621" **with** "P620, P621, P650".

Pages 42 to 48

4.1.4.1 **P200** In Table 2:

For UN 1010, **replace** "HIDROCARBON" **with** "HYDROCARBON";

For UN 1021, **replace** "TETRAFLUORO-ETHANE" **with** "TETRAFLUOROETHANE";

For UN 1958, **replace** "TETRAFLUORO-ETHANE" **with** "TETRAFLUOROETHANE";

For UN 2044, **replace** "DIMETHYL-PROPANE" **with** "DIMETHYLPROPANE";

For UN 2420, **replace** "HEXAFLUORO-ACETONE" **with** "HEXAFLUOROACETONE";

For UN 3298, **replace** "PENTAFLUORO-ETHANE" **with** "PENTAFLUOROETHANE";

For UN 3299, **replace** "TETRAFLUORO-ETHANE" **with** "TETRAFLUOROETHANE";

Page 56

4.1.4.1 **P404** In the first sentence, **replace** "2881, 3052, 3200, 3203 and 3391 to 3400." **with** "2881, 3200, 3391, 3393 and 3461".

Page 70

4.1.4.1 **P650** In paragraph (8)(a), **insert** "the package (the outer packaging or the overpack)" before "shall be marked" in the last sentence.

Page 73

4.1.4.1 **P903** Rearrange the text as follows:

"The following packagings are authorized, provided the general provisions of **4.1.1** and **4.1.3** are met:" *(unchanged)*

"Packaging conforming to the packing group II performance level."

"When lithium cells and batteries... accidental operation during transport."

"In addition, batteries employing a strong, impact.... of other superimposed elements."

(Remainder of the text unchanged)

Page 75

4.1.4.1 P906 In the first sentence, **replace** "and 3152" **with** ", 3152 and 3432".

Page 86

4.1.5.5 In the last sentence, **replace** "de" **with** "be".

Page 101

4.2.4.6 **Insert** "(d)" before "unless the required certification, retest and filling markings are legible".

PART 6

Page 198

6.2.2.6.5 In the last sentence of the first paragraph, **replace** "6.2.2.7" **with** "6.2.2.7.6".

Page 237

6.5.1.4.3 In the table, for "HZ. Composite with plastic inner receptacle", under "Category" **insert** "inner" after "plastics" (six times).

Page 239

6.5.1.6.6.2 **Replace** "marking" **with** "mark".

Page 242

Renumber paragraph "6.5.1.3.5" as "6.5.3.1.5".

Page 259

6.6.2.2 In the second sentence, **replace** "CW" **with** "W".

PART 7

Page 329

7.1.3.3 **Replace** "fright" **with** "freight".
